

M A T E R I A L S A F E T Y D A T A S H E E T

39103 FLEXIBLE BUMPER COATER

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PRODUCT NAME: 39103 FLEXIBLE BUMPER COATER
PRODUCT CODE: 39103MSDS
PRODUCT USE : N/A

HMIS CODES: H F R P
2 4 0 G

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: SEM PRODUCTS, INC.
ADDRESS : 651 MICHAEL WYLIE DR.
CHARLOTE, NC 28217

EMERGENCY PHONE : CHEMTRC 800-424-9300 DATE PRINTED : 02/14/00
INFORMATION PHONE : (800) 831-1122 NAME OF PREPARER : CG

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
* METHYLENE CHLORIDE (METHANE DICHLORIDE) OSHA PEL:25 PPM-8 HR TWA, STEL:125 PPM, ACGIH TLV: 50 PPM 8 HR LD50:167MG/KG:RAT-ORL, LC50:8800MG/M3/30M:RAT-IHL	75-09-2	340 68	36.50
* TOLUENE OSHA PEL: 100 PPM-8HR, STEL: 200 PPM, OTHER: 300 PPM CEILING LD50: 5000MG/KG:RAT-ORL, LC50: 5320PPM/8H:MUS-IHL	108-88-3	22 68	25-30%
PROPANE (HYDROCARBON PROPELLANT) OSHA PEL: 1000 PPM, ACGIH TLV: 1000 PPM, OTHER: N/A LD50: N/A, LC50: N/A	74-98-6	5600 68	10-15%
ISOBUTANE (HYDROCARBON PROPELLANT) OSHA PEL: 1000 PPM, ACGIH TLV: 800 PPM, OTHER: N/A LD50: N/A, LC50: N/A	75-28-5	760 68	10-15%
* METHYL ETHYL KETONE OSHA PEL: 200 PPM, ACGIH TLV: 200 PPM, OTHER: N/A LD50: 3400MG/KG:RAT-ORL, LC50: N/A	78-93-3	70 68	1-5%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
WARNING: CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. TSCA
CERTIFICATION: All chemicals in this product are listed, or are exempt from listing on the TSCA inventory.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 10-255F - 232 deg F SPECIFIC GRAVITY (H2O=1): 0.84
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: FASTER THAN n-BUTYL ACETATE
COATING V.O.C. : 6.59 lb/gl MATERIAL V.O.C.: 6.59 lb/gl
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: BLACK - STRONG SOLVENT
FREEZING POINT: N/A pH: N/A
COEFFICIENT OF WATER/OIL DIST: N/A ODOR THRESHOLD: N/A

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

LASH POINT: 1 OR < 0 F METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2 UPPER: 23
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

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SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CONTAINERS EXPOSED TO HEAT. WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

VAPORS MAY IGNITE EXPLOSIVELY. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE BURSTING. DO NOT EXPOSE TO HEAT OR STORE AT TEMPERATURES ABOVE 120 F. DO NOT PUNCTURE OR INCINERATE (BURN) CONTAINER.

FLAMMABILITY - T.D.G.R. CLASS

N/A

SENSITIVITY TO IMPACT

N/A

SENSITIVITY TO STATIC DISCHARGE

N/A

===== SECTION V - REACTIVITY DATA =====

**STABILITY: STABLE
CONDITIONS TO AVOID**

EXCESSIVE HEAT, OPEN FLAMES, SPARK SOURCES

INCOMPATIBILITY (MATERIALS TO AVOID)

OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE, CARBON MONOXIDE, VARIOUS HYDROCARBONS, OXIDES OF NITROGEN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NASAL AND RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, NAUSEA, POSSIBLE UNCONSCIOUSNESS, AND ASPHYXIATION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MODERATE IRRITATION, REDNESS, ITCHING AND BLURRED VISION. EXCESSIVE SKIN EXPOSURE MAY CAUSE BURNING SENSATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MODERATE IRRITATION, REDNESS, DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

GASTROINTESTINAL IRRITATION, VOMITING, DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

EYES: IRRITATION, BLURRED VISION. SKIN: MODERATE IRRITATION, DERMATITIS. INHALATION: NASAL AND RESPIRATORY IRRITATION, NAUSEA, POSSIBLE UNCONSCIOUSNESS, ASPHYXIATION. INGESTION: GASTROINTESTINAL IRRITATION, VOMITING, DIARRHEA. CNS: INTOXICATION CAUSING SLIGHT EUPHORIA, DIZZINESS AND HEADACHE. OTHER: POSSIBLE CARDIAC AND LIVER TOXICITY FROM METHYLENE CHLORIDE.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: Yes

CONTAINS METHYLENE CHLORIDE, WHICH HAS BEEN SHOWN TO CAUSE CANCER IN CERTAIN LABORATORY ANIMALS. RISK DEPENDS ON LEVEL AND DURATION OF EXPOSURE. METHYLENE CHLORIDE IS LISTED IN PROP. 65, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

TERATOGENICITY

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N/A

MUTAGENICITY

N/A

TOXICOLOGICALLY SYNERGISTIC PRODUCTS

N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

BRONCHITIS, CNS DISORDERS, ALLERGIES, HEART DISEASE.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH LARGE AMOUNTS OF WATER LIFTING UPPER AND LOWER LIDS. GET MEDICAL ATTENTION. SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: KEEP PERSON WARM AND QUIET. SEEK IMMEDIATE MEDICAL ADVICE REGARDING INDUCTION OF VOMITING.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION. ALLOW VOLATILE PORTION TO EVAPORATE COMPLETELY. AVOID BREATHING VAPORS AND REMOVE WITH INERT ABSORBENT.

WASTE DISPOSAL METHOD

DO NOT INCINERATE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT CONTAMINATE LAKES, STREAMS OR OTHER WATER SUPPLY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE OR USE NEAR HEAT, SPARKS OR FLAME. STORE IN WELL VENTILATED AREA. KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. DO NOT PUNCTURE OR INCINERATE. DO NOT SPRAY NEAR FIRE OR OPEN FLAMES.

OTHER PRECAUTIONS

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. AVOID SPONTANEOUS COMBUSTION OF CONTAMINATED RAGS OR OTHER IGNITABLE MATERIAL BY IMMEDIATE IMMERSION IN WATER. KEEP OUT OF THE REACH OF CHILDREN.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

USE OF A NIOSH APPROVED CHEMICAL/MECHANICAL FILTER, DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPORS.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES

NEOPRENE OR BUTYL RUBBER GLOVES.

EYE PROTECTION

GOGGLES OR SIDE-SHIELD SAFETY GLASSES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. WASH CONTAMINATED CLOTHING BEFORE RE-USE.

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING, SMOKING OR USING THE WASHROOM.

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===== SECTION IX - DISCLAIMER =====

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE AND RELIABLE AS OF THE DATE INDICATED ABOVE, HOWEVER SEM PRODUCTS, INC., MAKES NO REPRESENTATION, WARRANTY OR GUARANTEE NOR ASSUMES ANY LEGAL RESPONSIBILITY AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. ULTIMATE DETERMINATION OF SUITABILITY FOR INTENDED USE IS THE RESPONSIBILITY OF THE USER.